

TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)



**Mail Stop Patent Application**  
COMMISSIONER OF PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the original patent application of:

Inventor: Prasun K. Raha

Filing Date: November 25, 2003

For: GENERATING AN OSCILLATING SIGNAL ACCORDING  
TO A CONTROL CURRENT

Enclosed are:

X  Specification, Claims and Abstract (30 Pages);

X  Drawing(s)  5  Total Sheet(s) of  X  Formal   Informal;

X  Combined Declaration and Power of Attorney (1 Page)

X  Newly executed (original or copy);

X  An Assignment (1 Page) of the invention to Texas Instruments Incorporated is attached. A separate cover sheet (1 Page) in compliance with 37 C.F.R. §§ 3.28, .31 is included. Please charge the assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h) to Deposit Account No. 20-0668 of Texas Instruments Incorporated;

X  Certificate of Mailing (1 Page);

X  Texas Instrument Incorporated Return Receipt Postcard (1);

X  Baker Botts L.L.P. Return Receipt Postcard (1);

X  This Transmittal (2 pages); and

X  Information Disclosure Statement (2 pages)  
with PTO 1449 (1 page with one attached reference)

Applicant is:

☒ Large Entity  
☐ Small Entity

The accompanying application is:

☒ Original.  
☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior application No. \_\_\_\_\_ which is hereby incorporated by reference therein.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
Total Claims	20	- 20	0	X \$18.00 =	\$ 770.00
Independent Claims	5	-3	2	X \$86.00 =	\$ 0.00
TOTAL FILING FEE =					\$ 172.00
					\$ 942.00

☒ Please charge the filing fee of \$942.00 and any other fee required by this paper and credit any overpayment to Deposit Account No. 20-0668 of TEXAS INSTRUMENTS INCORPORATED. **This document is being transmitted in duplicate.**

BAKER BOTTS L.L.P.  
Attorneys for Applicant



Keiko Ichiye  
Registration No. 45,460

Date: November 25, 2003

Correspondence Address:

☒ Customer Number 23494

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:           Prasun K. Raha  
Filing Date:                   November 25, 2003  
Title:                           *Generating An Oscillating Signal According  
                                      To A Control Current*

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Filing Fee Transmittal (2 pages), Patent Application (30 pages), Formal Drawings (5 Sheets), Declaration and Power of Attorney (1 page), Assignment (1 page), Assignment transmittal form (1 page), Information Disclosure Statement (2 pages), Form PTO-1449 (one page with one attached reference), Baker Botts L.L.P. return receipt postcard (1 card), Texas Instruments Incorporated return receipt postcard (1 card), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 25th day of November, 2003 and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
\_\_\_\_\_  
Willie Jiles

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